

### Abstract of the Disclosure

The present invention relates to a system and method for increasing the cognitive  
5 function in a fetus. The system transmits a pattern of sonic variations to the fetus. The  
pattern of sonic variations is formed of a plurality of sequences of tones in which each  
sequence is repeated at a predetermined tempo. Each sequence of tones is selected to be  
transmitted to the fetus at a predetermined time during the term of the pregnancy.  
Preferably, each subsequent sequence of tones is selected to be repeated at increasing  
10 tempo during the term of the pregnancy, thereby providing a progressive pattern of sonic  
variations. A similar system and method can be used for improving the cognitive  
function of a premature baby. In addition, the present invention relates to a system and  
method for altering the cognitive function in a postnatal human by transmitting aurally or  
through bone conduction a progressive pattern of sonic variations or a regressive pattern  
15 of sonic variations to the wearer of the system.